



09/944, 896.

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**BRINKS**  
**HOFER**  
**GILSON**  
**& LIONE**

## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: June 28, 2007

Name: C. Noel Kaman

Signature: C. Noel Kaman

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Botstein et al.

Patent No.: 7,189,566 B2

Examiner: Eileen B. O'Hara

Issue Date: March 13, 2007

Art Unit: 1646

For: PRO347 NUCLEIC ACIDS

**Certificate**

Attorney Docket No: 10466/138

JUL 06 2007

of Correction

Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

## TRANSMITTAL

Sir:

## Attached is/are:

- Transmittal, in duplicate; Request for Certificate of Correction, in duplicate; Certificate of Correction, in duplicate;
- Return Receipt Postcard.

## Fee calculation:

- No additional fee is required.
- Small Entity.
- An extension fee in an amount of \$ \_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- A petition or processing fee in an amount of \$ \_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).
- An additional filing fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Small Entity		Not a Small Entity	
					Rate	Add'l Fee	or	Rate
Total		Minus			x \$25=			x \$50=
Indep.		Minus			x 100=			x \$200=
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=
					Total	\$	Total	\$

## Fee payment:

- A check in the amount of \$ \_\_\_\_\_ is enclosed.
- Please charge Deposit Account No. 23-1925 in the amount of \$ \_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- Payment by credit card in the amount of \$ \_\_\_\_\_. (Form PTO-2038 is attached).
- The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

C. Noel Kaman

C. Noel Kaman (Reg. No. 51,857)

June 28, 2007  
 Date

BRINKS HOFER GILSON & LIONE  
 NBC Tower – Suite 3600, 455 N. Cityfront Plaza Drive, Chicago, IL 60611-5599

JUL 6 2007



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28 June 2007

(Date of Deposit)

C. Noel Kaman, Reg. No. 51,857

Name of applicant, assignee, or  
Registered Representative

C. Neel Kannan

**Signature**

28 June 2007

**Date of Signature**



Our File No. 10466-138

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please issue a Certificate of Correction for the above-identified patent to correct the errors listed on the accompanying Form PTO-1050. This request is being made pursuant to 35 U.S.C. § 254, since the errors comprise minor or typographical errors by the Patent and Trademark Office.

JUL 6 2007

The Commissioner is hereby authorized to charge any fees required to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

C. Noel Kaman

C. Noel Kaman  
Registration No. 51,857  
Attorney for Applicants

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P.O. Box 10395  
Chicago, Illinois 60610  
(312) 321-4200

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 7,189,566 B2  
 APPLICATION NO. : 09/944,896  
 ISSUE DATE : March 13, 2007  
 INVENTOR(S) : David Botstein et al.

Page 1 of 2

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**On the Title Page**

In column 1, item (75), replace “Austin Gurney” with --Austin L. Gurney--.

In column 1, item (75), replace “William Wood” with --William I. Wood--.

In column 2, line 4, under “ABSTRACT”, after “vectors and host” delete “cell” and substitute --cells-- in its place.

**In the Claims**

Column 255, in claim 4, line 1, before “host cell comprising” delete “A” and substitute --An isolated-- in its place.

MAILING ADDRESS OF SENDER (Please do not use customer number below):  
 C. Noel Kaman  
 BRINKS HOFER GILSON & LIONE  
 P.O. Box 10395  
 Chicago, Illinois 60610

PATENT NO. 7,189,566 B2

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**In the Claims (cont'd)**

Column 256, in claim 5, line 1, before "host cell of claim 4", insert --isolated--.

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